Index of key words

Absorption contrast, 161
Absorption correction, 215
Acid phosphatase cytochemistry, 161
Actin, 139
Anisotropy, 47
Autoradiography, 299
Avidin, 171

Bacteria, 177
Biological, 249
Biological variation, 47
Biotin–avidin, 197
Bone marrow, 205
Bone resorption, 257

Cell surface antigens, 151
Cell suspensions, 151
Charge collection microscopy, 233
Chondrocytes, 47
Ciliae, 265
Cliff–Lorimer factors, 215
Colloidal gold, 177
Cooling rate, 89
Crown ether, 249
Cryoelectron microscopy, 89
Cryomicroscopy, 283
Cryo-protectant, 139
Cryoultramicrotomy, 139
Cryptate, 249
Crystal size, 89
Cycloid test system, 47

Defects, 233
Desmin, 139
Dimroth-Watson model, 47
Disector, 3
Disector method, 47
Double labelling, 197

EBIC, 233
Electron immunocytochemistry, 177
Electron microscopy, 103, 125
Endometrium, 265
Endothelium, 265
Enzyme-histochemistry, 205
Extrapolation method, 215

Ferritin, 139
Fixation, 139
Fractionator, 3
Freeze drying, 283
Freeze-fracture, 275
Freeze-substitution, 81
Freezing, 139
Frozen-hydrated specimens, 283

Glass knife, 139
Gold, 171
Gold particles, 139
Grain counts, 299

Haematology, 205
Heterogeneous catalysis, 103
High-voltage electron microscopy, 283
Holmes' effect, 3
Hypothesis testing, 299

Ice crystals, 275
Immunocytochemistry, 139
Immunoenzyme, 197
Immunoglobulin–gold, 161
Immunogold, 187
Immunogold–silver staining, 151
Immunohistochemistry, 187, 205
Immunolabelling, 125
Impregnation reduction, 103
Intestinal cells, 275

Lead methacrylate 2-ethylhexanoate, 313
Lectin–gold complex, 125
Light microscopy, 125, 161, 265
Lost caps, 3
Low temperature embedding, 81
Lowicryl K4M, 81, 125
Lowicryl resins HM20, K11M, HM23, 81
Lymphocyte subsets, 151

Mean height, 3
Mean surface, 3
Mean volume, 3
Metal clusters, 103
Methodology, 265
Microbiology, 177
Microvascular corrosion casting, 313
Microvilli, 265
Monoclonal antibodies, 151, 161, 197
Morphology, 265
Muscle cells, 275

Negative staining, 139
Nested design, 47
Number, 47
Numerical density, 3

Oblate spheroids, 47
Osteoclasts, 257
Ovary, 265
Overprojection, 3

P388D1, 161
Particles, 3
Peroxisome, 187
Photodeposition, 103
Pit depth and volume, 257
Plasma membrane antigens, 161
Plunging, 89
Point-sampled intercepts, 47
Positive staining, 139
Probability models, 299
Prolate spheroids, 47
Propane-jet freezing, 275

Protein A–gold, 161
Protein A–gold complex, 125
Protein marker, 171

Quadrats, 47
Quantitative X-ray microanalysis, 215

Radio-opaque resin, 313
Rat epiphyseal growth plate, 47
Reflection contrast, 161
Resin-embedded, 187
Resin embedding, 205
Resin standards, 249
Resolution, 283

Scanning electron microscopy, 257, 265
Sections, 47
Section thickness, 3
Selector, 3
Shrinkage, 3
Si_3N_4 membrane, 103
Silver contrast enhancement, 161
Silver staining, 187
Size distributions, 3
Slamming, 89
Soybean root nodules, 187
Specimen preparation, 103
Spheres, 47
Spraying, 89
Spurious X-rays, 215
Stereology, 3
Stereophotogrammetry, 257
Streptavidin, 171
Supereggs, 47
Surface area, 47
Surface layer effects, 215
Surface, 3
Swelling, 3

Thickness measurement, 215
Thickness overestimation, 215
Titanium dioxide, 103
Total number, 3
Transmission electron microscopy, 265
Truncation, 3

Unfolding methods, 47
Uricase, 187

Vertical sections, 47
Vessel, 265
Viruses, 177
Vitrification, 89
Volume, 47
Volume-weighted mean volume, 47

X-ray microanalysis, 249

Index of authors

Acetarin J.-D., 81

Bald, W.B., 89
Beesley, J.E., 177
Blijleven, N., 161
Boorsma, D.M., 197
Bowser, S.S., 319
Boyde, A., 257
Burton, G.J., 313

Cajander, S.B., 265
Carlemalm, E., 81
Clarke, D.T., 321
Condron, R.J., 249
Cruz-Orive, L.-M., 47

De Mey, J., 151
de Vries, O.M.H., 299
De Waele, M., 151

Fotino, M., 283
Franc, F., 257

Gundersen, H.J.G., 3

Haggis, G.H., 275
Herman, C.J., 205
Hoefsmit, E.C.M., 161
Horita, Z., 215
Howell, P.G.T., 257
Hunziker E.B., 47

Ingram, S.C., 313

Jacobs, J.W.M., 103
Joy, D.C., 233

Korn, C., 161

Labeur, C., 151
Lindeman, J., 205

Marshall, A.T., 249
Morris, R.E., 171
Myring, M.J., 321

Nemoto M., 215

Palmer, M.E., 313
Ploem, J.S., 161

Reddingius, J., 299
Renmans, W., 151
Reynaert, Ph., 151
Richard, K.S., 321
Rieder, C.L., 319
Roth, J., 125
Rush, A.D., 321

Saelinger, C.B., 171
Sano, T., 215

Tokuyasu, K.T., 139

van Camp, B., 151
van de Sandt, M.M., 205
VanBommel, J., 197
VandenBosch, K.A., 187
VanderRaaij-Helmer, E.M.H., 197
Verhoeven, J.F.C.M., 103
Villiger, W., 81

Webster, P., 321